

### REMARKS

Filed herewith under M.P.E.P. § 714.09 is a preliminary amendment of application serial No. 09/388,123, being made before the first Office Action. Applicants respectfully request that the Examiner enter the above amendments and the following remarks before examining this application on the merits.

Claims 1-13 were pending in the application as filed. Claims 2-6 and 10-13 are canceled without prejudice to Applicants' right to pursue the subject matter of the canceled claims in the instant or other patent applications. Further, claims 1, 8 and 9 are amended, and claims 14-33 are added. Upon entry of this amendment claims 1, 7-9 and 14-33 will be pending in this application.

The claims have been amended and new claims added to more particularly point out and distinctly claim the subject matter of the present invention. In particular, it is now recited that in preferred embodiments the present invention can be responsive to the strengths of connections between sites, can be applied to various forms of communication and connection of sites, can perform a time-analysis function and can be advantageously applied to intelligence analysis. The amended and new claims are fully supported in the instant specification as indicated, *inter alia*, by the following table.

<u>Claims</u>	<u>Recitation</u>	<u>Support in Specification</u>
1, 22, 25, 28	Emergence of new concepts from a "minimal connectivity threshold"	p. 7, lines 3-5 and p. 7, line 35 to p. 8, line 1
8, 9, 14, 19, 23, 24, 26, 27	Utilizing non-principal eigenvectors to eliminate diffusion	p. 7, lines 9-18.
15, 29	World Wide Web references	p. 7, line 5
16, 17	Refining graph through lexical scoring	p. 8, lines 3-13.
14, 18, 20, 21	Time series methods for determining communities	p. 8, lines 14-30 & FIG. 1.
14, 23, 26, 31	Capturing connectivity changes, evolution	p. 7, lines 33-35.
30	Posting results	p. 7, lines 5-6.

31, 32, 33

Determining emergent relationships

p. 8, line 31 to  
p. 9, line 14

The above-made amendments do not, therefore, constitute new matter.  
Applicants respectfully request that the above-made amendments be entered into the file history of the instant application.

In view of these amendments and remarks, early allowance of the claims is respectfully requested.

Respectfully submitted,

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